

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all previous versions, and listings, of claims in the application.

Listing of Claims

Please amend the claims as follows:

1. (Withdrawn) An integrated tilt latch/sash lock assembly for a sash window assembly, the sash window assembly having a sash window slidable within a master frame, the sash window having a sash rail, the tilt latch/sash lock assembly comprising:

a rotor adapted to be supported by the sash rail and rotatable between an extended position wherein the rotor extends from the sash rail and a retracted position wherein the rotor is generally within the sash rail;

a keeper adapted to be supported by the master frame, the keeper having an upper extension for being impacted by the rotor when the rotor is between the extended and retracted positions;

a tilt latch mechanism operably connected to the sash lock mechanism and adapted to be supported within a second location of the sash rail, the tilt latch mechanism having a latch bolt adapted to engage the master frame; and

an actuator operably connected to the rotor, the actuator having a locked position wherein the rotor engages the keeper, the actuator being moveable to an unlocked position wherein the rotor is disengaged from the keeper, and being further moveable to a tiltable position wherein the latch bolt is disengaged from the master frame.

2. (Withdrawn) The integrated tilt latch/sash lock assembly of claim 1 wherein the upper extension further comprises a beveled surface for impacting the rotor and moving the rotor towards the retracted position.

3. (Withdrawn) The integrated tilt latch/sash lock assembly of claim 1 wherein the rotor comprises a pawl operably connected with the rotor and with the tilt latch mechanism, the pawl rotatable between an extended position without the sash rail and a retracted position within the sash rail and wherein the upper extension is configured to impact the pawl to move it towards its retracted position.

4. (Withdrawn) A window assembly comprising:
a master frame;
a sash window slidable within the master frame and having a first sash rail;
a rotor supported within a first location of the first sash rail and rotatable between an extended position wherein the rotor extends from the first sash rail and a retracted position wherein the rotor is within the first sash rail;
a keeper supported by a second sash rail having an upper extension configured to be impacted by the rotor when the rotor is in the extended position;
a tilt latch mechanism operably connected to the sash lock mechanism and supported within a second location of the first sash rail, the tilt latch mechanism having a latch bolt adapted to engage the master frame; and
an actuator operably connected to the rotor, the actuator having a locked position wherein the rotor engages the keeper, the actuator being moveable to an unlocked position wherein the rotor is disengaged from the keeper, and being further moveable to a tiltable position wherein the latch bolt is disengaged from the master frame.

5. (Withdrawn) The window assembly of claim 4 wherein the upper extension further comprises a beveled surface for impacting the rotor and moving the rotor towards the retracted position.

6. (Withdrawn) The window assembly of claim 4 wherein the rotor comprises a pawl operably connected with the rotor and with the tilt latch mechanism, the pawl rotatable between an extended position without the sash rail and a retracted position within the sash rail

and wherein the upper extension is configured to impact the pawl to move it towards its retracted position.

7. (Withdrawn) The window assembly of claim 4 wherein the sash window is slidable between a closed position wherein the first sash rail generally confronts the second sash rail and an open position wherein the first sash rail does not confront the second sash wherein the rotor impacts the upper extension as the sash window is moved from the open position towards the closed position.

8. (Withdrawn) The window assembly of claim 7 wherein the keeper includes a body portion mounted to a front face of the second sash rail and the upper extension extends from the body towards an upper surface of the second sash rail.

9. (Withdrawn) A sash lock mechanism for a window assembly having master frame with a sash window slidably disposed therein, the sash window having a first sash rail, the master frame further having a second sash rail disposed therein, the sash lock mechanism comprising:

a sash lock housing adapted to be supported within the first sash rail and having a rotor mounted therein rotatable between an unlocked position within the housing and a locked position without of the housing;

a keeper adapted to be mounted to the second sash, the keeper having an upper extension configured to be impacted by the rotor when the rotor is in the extended position.

10. (Withdrawn) The sash lock mechanism of claim 9 wherein the upper extension comprises a beveled face for urging the rotor towards the unlocked position.

11. (Previously Presented) An integrated tilt latch/sash lock assembly for a sash window assembly, the sash window assembly having a sash window slidable within a master frame, the sash window having a sash rail, the tilt latch/sash lock assembly comprising:

a rotor adapted to be supported by the sash rail;

a tilt latch mechanism operably connected to the rotor and adapted to be supported by the sash rail, the tilt latch mechanism having a latch bolt adapted to engage the master frame;

an actuator operably connected to the rotor, the actuator having a locked position wherein the rotor is adapted to engage the master frame, the actuator being moveable to an unlocked position wherein the rotor is adapted to be disengaged from the master frame, and being further moveable to a tiltable position wherein the latch bolt is retracted and is adapted to be disengaged from the master frame; and

an escutcheon adapted to be mounted to the sash rail, the escutcheon having an indicia to indicate to a user that the actuator is in one of the locked position, unlocked position and tiltable position.

12. (Previously Presented) The integrated tilt latch/sash lock assembly of claim 11 wherein the escutcheon has a second indicia to indicate to a user that the actuator is one of the locked position, unlocked position and tiltable position that is not indicated by the first indicia.

13. (Currently Amended) The integrated tilt latch/sash lock assembly of claim 12 wherein the escutcheon has a third ~~second~~ indicia to indicate to a user that the actuator is the one of the locked position, unlocked position and tiltable position not indicated by either the first indicia or second indicia.

14. (Original) The integrated tilt latch/sash lock assembly of claim 11 wherein the escutcheon has a locating boss depending therefrom adapted to properly orient the escutcheon on the sash rail.

15. (Original) The integrated tilt latch/sash lock assembly of claim 11 wherein the escutcheon has a central opening and the actuator passes through the central opening.

16. (Previously Presented) An integrated tilt latch/sash lock assembly for a sash window assembly, the sash window assembly having a sash window slidable within a master frame, the sash window having a sash rail, the tilt latch/sash lock assembly comprising:

a rotor adapted to be supported within a first location of the sash rail;

a tilt latch mechanism operably connected to the rotor and adapted to be supported within a second location of the sash rail, the tilt latch mechanism having a latch bolt adapted to engage the master frame;

an actuator having a stem operably connected to the rotor and a handle, the handle having a locked position wherein the rotor is adapted to engage the master frame, the handle being moveable to an unlocked position wherein the rotor is disengaged from the master frame, and being further moveable to a tiltable position wherein the latch bolt is retracted and adapted to be disengaged from the master frame, the handle further having a first indicia; and

an escutcheon adapted to be mounted to the sash rail, the escutcheon having a base indicia wherein the first indicia and the base indicia cooperate to indicate to a user that the handle is in one of the locked position, the unlocked position and the tiltable position.

17. (Original) The integrated tilt latch/sash lock assembly of claim 16 wherein the handle has a second indicia and the second indicia and base indicia cooperate to indicate to a user that the handle is in one of the locked position, unlocked position and tiltable position that is not indicated by the cooperation of the first indicia with the base indicia

18. (Original) The integrated tilt latch/sash lock assembly of claim 17 wherein the handle has a third indicia and the third indicia and the base indicia cooperate to indicate the handle is in one of the locked position, the unlocked position and the tiltable position not indicated by cooperation of the base indicia with either of the first indicia or the second indicia.

19. (Currently Amended) The integrated tilt latch/sash lock assembly of claim 11
~~claim 1~~ further comprising:

a connector operably connecting the rotor to the tilt latch mechanism, wherein movement of the actuator handle to the tiltable position causes the connector to retract the latch bolt.

20. (Previously Presented) The integrated tilt latch/sash lock assembly of claim 16 further comprising:

a connector operably connecting the rotor to the tilt latch mechanism, wherein movement of the handle to the tiltable position causes the connector to retract the latch bolt.

21. (Withdrawn) An integrated tilt latch/sash lock assembly for a sash window assembly, the sash window assembly having a sash window slidable within a master frame between an first position and a second position, the sash window having a sash rail, the tilt latch/sash lock assembly comprising:

a rotor adapted to be supported by the sash rail;

a keeper adapted to be attached to the sash window assembly, the keeper having a beveled surface thereon;

a tilt latch mechanism operably connected to the rotor and adapted to be supported by the sash rail, the tilt latch mechanism having a latch bolt adapted to engage the master frame;

an actuator operably connected to the rotor, the actuator having a locked position wherein the locking end of the rotor engages the keeper when the sash window is in the second position, the actuator being moveable to an unlocked position wherein the rotor is disengaged from the keeper, and being further moveable to a tiltable position wherein the latch bolt is retracted and is adapted to be disengaged from the master frame,

wherein when the window is moved from the first position to the second position and when the actuator is in an intermediate position between the locked position and the unlocked position, the beveled surface engages the rotor and forces the rotor to rotate away from the keeper, causing the actuator to move toward the unlocked position.

22. (Withdrawn) The integrated tilt latch/sash lock assembly of claim 21 further comprising:

a sash lock housing supported by the sash rail, wherein the rotor is positioned within the sash lock housing,

wherein when the actuator is in the intermediate position, a locking end of the rotor extends out of the housing, and

wherein the beveled surface engages the locking end of the rotor in the intermediate position to force the locking end into the housing.

23. (Withdrawn) The integrated tilt latch/sash lock assembly of claim 21 wherein the keeper has keeper body and an extension extending upward from the keeper body,

wherein the rotor engages the keeper body when the window is in the second position and the actuator is in the locked position, and

wherein the beveled surface is located on the upper extension.

24. (Withdrawn) A sash lock assembly for a sash window assembly, the sash window assembly having a sash window slidable within a master frame between an first position and a second position, the sash window having a sash rail, the sash lock assembly comprising:

a rotor adapted to be supported by the sash rail;

a keeper adapted to be attached to the sash window assembly, the keeper having a beveled surface thereon;

an actuator operably connected to the rotor, the actuator having a locked position wherein the locking end of the rotor engages the keeper when the sash window is in the second position, the actuator being moveable to an unlocked position wherein the rotor is disengaged from the keeper,

wherein when the window is moved from the first position to the second position and when the actuator is in an intermediate position between the locked position and the unlocked position, the beveled surface engages the rotor and forces the rotor to rotate away from the keeper, causing the actuator to move toward the unlocked position.

25. (Withdrawn) The sash lock assembly of claim 24 further comprising:
a sash lock housing supported by the sash rail, wherein the rotor is positioned within the sash lock housing,

wherein when the actuator is in the intermediate position, a locking end of the rotor extends out of the housing, and

wherein the beveled surface engages the locking end of the rotor in the intermediate position to force the locking end into the housing.

26. (Withdrawn) The sash lock assembly of claim 24 wherein the keeper has keeper body and an extension extending upward from the keeper body,

wherein the rotor engages the keeper body when the window is in the second position and the actuator is in the locked position, and

wherein the beveled surface is located on the upper extension.

27. (New) The integrated tilt latch/sash lock assembly of claim 11 further comprising:

a housing adapted to be mounted to the sash rail, the housing supporting the rotor, wherein the escutcheon is separate from the housing and is adapted to be mounted to the sash rail to cover a portion of the housing.

28. (New) The integrated tilt latch/sash lock assembly of claim 16 further comprising:

a housing adapted to be mounted to the sash rail, the housing supporting the rotor, wherein the escutcheon is separate from the housing and is adapted to be mounted to the sash rail to cover a portion of the housing.

29. (New) The integrated tilt latch/sash lock assembly of claim 11 wherein the actuator rotates in a first rotational direction from the locked position to the unlocked position

and further rotates in the first rotational direction from the unlocked position to the tiltable position, and wherein the actuator rotates in a second rotational direction from the tiltable position to the unlocked position and further rotates in the second rotational direction from the unlocked position to the locked position, the second rotational direction being opposite to the first rotational direction.

30. (New) The integrated tilt latch/sash lock assembly of claim 16 wherein the actuator rotates in a first rotational direction from the locked position to the unlocked position and further rotates in the first rotational direction from the unlocked position to the tiltable position, and wherein the actuator rotates in a second rotational direction from the tiltable position to the unlocked position and further rotates in the second rotational direction from the unlocked position to the locked position, the second rotational direction being opposite to the first rotational direction.